SONY

4-156-428-**41**(1)

FM/AM Compact Disc Player

Operating Instructions ____ US

Manual de instrucciones ____ ES

Owner's Record

The model and serial numbers are located on the bottom of the unit.
Record these numbers in the space provided below.
Refer to these numbers whenever you call upon your Sony dealer regarding this product.

Model No. _____ Serial No. _____

To cancel the demonstration (DEMO) display, see page 6.
Para cancelar la pantalla de demostración (DEMO), consulte la página 6.

CDX-GT35U
CDX-GT35UW

COMPACT disc DIGITAL AUDIO TEXT

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Be sure to install this unit in the dashboard of the car for safety. For installation and connections, see the supplied installation/ connections manual.

Warning

This equipment has been tested and found to comply with the limits for a Class B digital device, pursuant to Part 15 of the FCC Rules. These limits are designed to provide reasonable protection against harmful interference in a residential installation. This equipment generates, uses, and can radiate radio frequency energy and, if not installed and used in accordance with the instructions, may cause harmful interference to radio communications. However, there is no guarantee that interference will not occur in a particular installation. If this equipment does cause harmful interference to radio or television reception, which can be determined by turning the equipment off and on, the user is encouraged to try to correct the interference by one or more of the following measures:

- Reorient or relocate the receiving antenna.
- Increase the separation between the equipment and receiver.
- Connect the equipment into an outlet on a circuit different from that to which the receiver is connected.
- Consult the dealer or an experienced radio/TV technician for help.

You are cautioned that any changes or modifications not expressly approved in this manual could void your authority to operate this equipment.

CAUTION

The use of optical instruments with this product will increase eye hazard.

For the State of California, USA only

Perchlorate Material – special handling may apply, See www.dtsc.ca.gov/hazardouswaste/perchlorate
Perchlorate Material: Lithium battery contains perchlorate

ZAPPIN and Quick-BrowZer are trademarks of Sony Corporation.

Windows Media is either a registered trademark or trademark of Microsoft Corporation in the United States and/or other countries.

MPEG Layer-3 audio coding technology and patents licensed from Fraunhofer IIS and Thomson.

This product is protected by certain intellectual property rights of Microsoft Corporation. Use or distribution of such technology outside of this product is prohibited without a license from Microsoft or an authorized Microsoft subsidiary.

Content providers are using the digital rights management technology for Windows Media contained in this device ("WM-DRM") to protect the integrity of their content ("Secure Content") so that their intellectual property, including copyright, in such content is not misappropriated.
This device uses WM-DRM software to play Secure Content ("WM-DRM Software"). If the security of the WM-DRM Software in this device has been compromised, owners of Secure Content ("Secure Content Owners") may request that Microsoft revoke the WM-DRM Software's right to acquire new licenses to copy, display and/or play Secure Content. Revocation does not alter the WM-DRM Software's ability to play unprotected content. A list of revoked WM-DRM Software is sent to your device whenever you download a license for Secure Content from the Internet or from a PC. Microsoft may, in conjunction with such license, also download revocation lists onto your device on behalf of Secure Content Owners.

Warning if your car's ignition has no ACC position

Be sure to set the Auto Off function (page 14). The unit will shut off completely and automatically in the set time after the unit is turned off, which prevents battery drain.
If you do not set the Auto Off function, press and hold (OFF) until the display disappears each time you turn the ignition off.

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Support site

If you have any questions or for the latest support information on this product, please visit the web site below:

http://esupport.sony.com
http://www.sony.com/mobileAV

Provides information on:

- Models and manufacturers of compatible digital audio players
- Supported MP3/WMA/AAC files

Getting Started

Playable discs on this unit

This unit can play CD-DA (also containing CD TEXT) and CD-R/CD-RW (MP3/WMA/AAC files (page 16)).

Type of discs	Label on the disc
CD-DA	COMPACT disc DIGITAL AUDIO Recordable COMPACT disc DIGITAL AUDIO ReWritable
MP3 WMA AAC	COMPACT disc DIGITAL AUDIO Recordable COMPACT disc DIGITAL AUDIO ReWritable COMPACT disc Recordable COMPACT disc ReWritable

Resetting the unit

Before operating the unit for the first time, or after replacing the car battery or changing the connections, you must reset the unit.
Detach the front panel (page 7) and press the RESET button (page 8) with a pointed object, such as a ball-point pen.

Note

Pressing the RESET button will erase the clock setting and some stored contents.

Canceling the DEMO mode

You can cancel the demonstration display which appears during turning off.

1 Press and hold the select button.
The setup display appears.

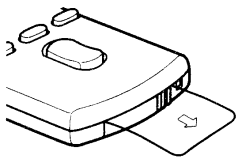
2 Press the select button repeatedly until "DEMO" appears.

3 Rotate the control dial to select "DEMO-OFF."

4 Press and hold the select button.
The setup is complete and the display returns to normal reception/play mode.

Preparing the card remote commander

Remove the insulation film.



Tip

For how to replace the battery, see page 17.

Setting the clock

The clock uses a 12-hour digital indication.

1 Press and hold the select button.
The setup display appears.

2 Press the select button repeatedly until "CLOCK-ADJ" appears.

3 Press (SEEK) +.
The hour indication flashes.

4 Rotate the control dial to set the hour and minute.
To move the digital indication, press (SEEK) –/+.

5 After setting the minute, press the select button.
The setup is complete and the clock starts.

To display the clock, press (DSPL). Press (DSPL) again to return to the previous display.

Detaching the front panel

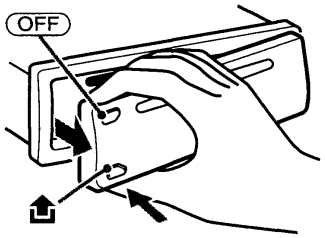
You can detach the front panel of this unit to prevent theft.

Caution alarm

If you turn the ignition switch to the OFF position without detaching the front panel, the caution alarm will sound for a few seconds. The alarm will only sound if the built-in amplifier is used.

1 Press (OFF).
The unit is turned off.

2 Press ⏏, then pull it off towards you.

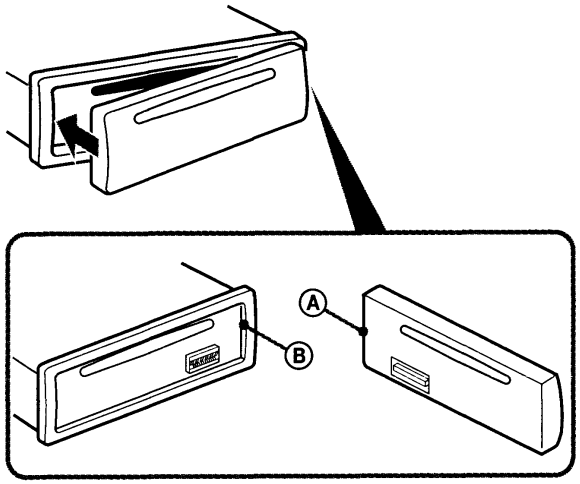


Notes

- *Do not drop or put excessive pressure on the front panel and display window.*
- *Do not subject the front panel to heat/high temperature or moisture. Avoid leaving it in a parked car or on a dashboard/rear tray.*
- *Do not detach the front panel during playback of the USB device, otherwise USB data may be damaged.*

Attaching the front panel

Engage part Ⓐ of the front panel with part Ⓑ of the unit, as illustrated, and push the left side into position until it clicks.

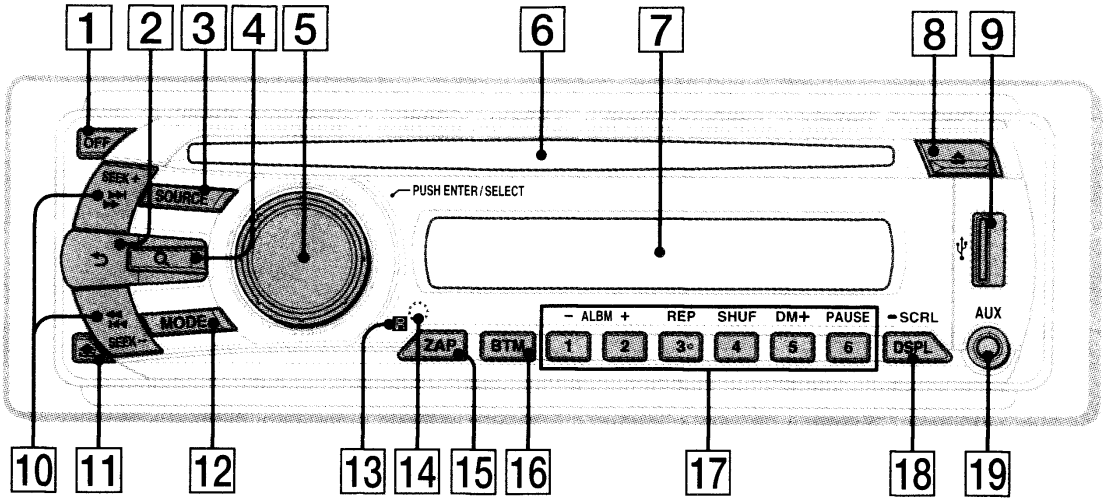


Note

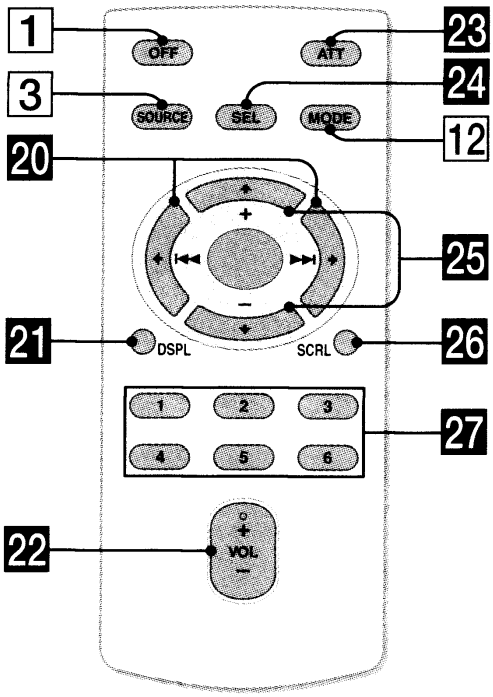
Do not put anything on the inner surface of the front panel.

Location of controls and basic operations

Main unit



Card remote commander RM-X151



This section contains instructions on the location of controls and basic operations.
For details, see the respective pages.
The corresponding buttons on the card remote commander control the same functions as those on the unit.

1 **OFF button**
To power off; stop the source.

2 **↩ (BACK) button** page 10
To return to the previous display.

3 **SOURCE button**
To power on; change the source (Radio/CD/USB/AUX).

4 **Q (BROWSE) button** page 10
To enter the Quick-BrowZer™ mode.

5 **Control dial/select button** page 13, 14
To adjust volume (rotate); select setup items (press and rotate).

6 **Disc slot**
Insert the disc (label side up), playback starts.

7 **Display window**

8 **⏏ (eject) button**
To eject the disc.

9 **USB connector** page 12
To connect to the USB device.

10 **SEEK +/– buttons**
CD/USB:
To skip tracks (press); skip tracks continuously (press, then press again within about 1 second and hold); reverse/fast-forward a track (press and hold).
Radio:
To tune in stations automatically (press); find a station manually (press and hold).

11 **⏏ (front panel release) button** page 7

12 **MODE button** page 11
To select the radio band (FM/AM).

13 **Receptor for the card remote commander**

14 **RESET button** (located behind the front panel) page 6

15 **ZAP button** page 11
To enter ZAPPIN™ mode.

16 **BTM button** page 11
To start the BTM function (press and hold).

17 **Number buttons**
CD/USB:
①/②: **ALBM –/+** (during MP3/WMA/AAC playback)
To skip albums (press); skip albums continuously (press and hold).
③: **REP*** page 12, 13
④: **SHUF** page 12, 13
⑤: **DM+**
Improves digitally compressed sound, such as MP3.
To activate the DM+ function, set "ON." To cancel, set "OFF."
⑥: **PAUSE**
To pause playback. To cancel, press again.
Radio:
To receive stored stations (press); store stations (press and hold).

18 **DSPL (display)/SCRL (scroll) button** page 12, 13
To change display items (press); scroll the display item (press and hold).

19 **AUX input jack** page 15
To connect a portable audio device.

* *This button has a tactile dot.*

Note
When ejecting/inserting a disc, keep any USB devices disconnected to avoid damage to the disc.

The following buttons on the card remote commander have also different buttons/functions from the unit. Remove the insulation film before use (page 6).

20 **← (⏮)/→ (⏭) buttons**
To control radio/CD/USB, the same as (SEEK) –/+ on the unit.
Setup, sound setting, etc., can be operated by ←→.

21 **DSPL (display) button** page 12, 13
To change display items.

22 **VOL (volume) +*/– button**
To adjust volume.

23 **ATT (attenuate) button**
To attenuate the sound. To cancel, press again.

24 **SEL (select) button**
The same as the select button on the unit.

25 **↑ (+)/↓ (–) buttons**
To control CD/USB, the same as ①/② (ALBM –/+) on the unit.
Setup, sound setting, etc., can be operated by ↑↓.

26 **SCRL (scroll) button**
To scroll the display item.

27 **Number buttons**
To receive stored stations (press); store stations (press and hold).

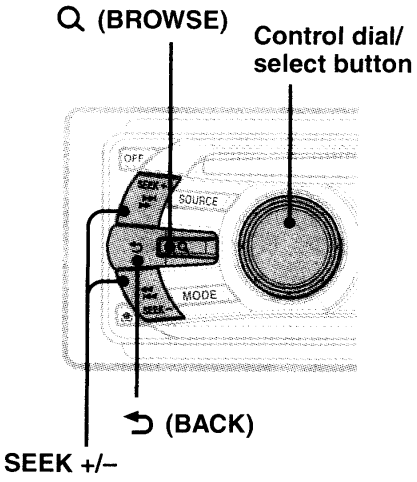
* *This button has a tactile dot.*

Note
If the unit is turned off and the display disappears, it cannot be operated with the card remote commander unless (SOURCE) on the unit is pressed, or a disc is inserted to activate the unit first.

Searching for a track

Searching a track by name — Quick-BrowZer™

You can search for a track in a CD or USB device easily by category.



1 Press Q (BROWSE).
The unit enters the Quick-BrowZer mode, and the list of search categories appears.

2 Rotate the control dial to select the desired search category, then press it to confirm.

3 Repeat step 2 until the desired track is selected.
Playback starts.

To return to the previous display

Press ⮌ (BACK).

To exit the Quick-BrowZer mode

Press Q (BROWSE).

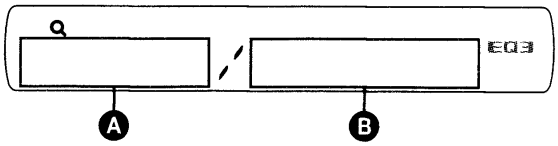
Note

When entering the Quick-BrowZer mode, the repeat/ shuffle setting is canceled.

Searching by skip items — Jump mode

When many items are in a category, you can search the desired item quickly.

1 Press (SEEK) + in Quick-BrowZer mode.
The following display appears.



Ⓐ Current item number
Ⓑ Total item number in the current layer

Then the item name will appear.

2 Rotate the control dial to select the desired item, or one near the desired item.
It skips in steps of 10% of the total item number.

3 Press the select button.
The display returns to the Quick-BrowZer mode and the selected item appears.

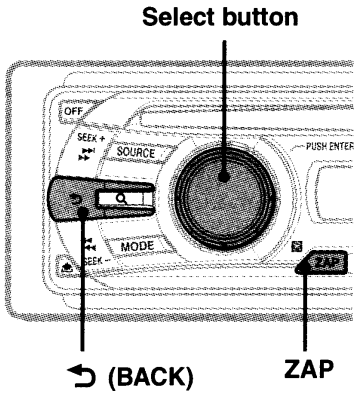
4 Rotate the control dial to select the desired item and press it.
Playback starts if the selected item is a track.

To cancel Jump mode

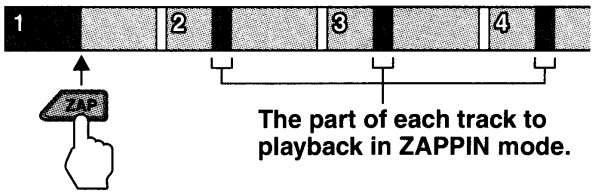
Press ⮌ (BACK) or (SEEK) –.

Searching a track by listening to track passages — ZAPPIN™

While playing back short track passages in a CD or USB device in sequence, you can search for a track you want to listen to.
ZAPPIN mode is suitable for searching for a track in shuffle or shuffle repeat mode.



1 Press (ZAP) during playback.
After "ZAPPIN" appears in the display, playback starts from a passage of the next track.
The passage is played for the set time, then a click sounds and the next passage starts.



2 Press the select button or (ZAP) when a track you want to listen is played back.
The track that you select returns to normal play mode from the beginning.
To search a track by ZAPPIN mode again, repeat steps 1 and 2.

Tips

- *You can select the playback time from about 6 seconds/9 seconds/30 seconds (page 15). You cannot select the passage of the track to playback.*
- *Press (SEEK) +/– or (1)/(2) (ALBM –/+) in ZAPPIN mode to skip a track or album.*
- *Pressing ⮌ (BACK) also confirms a track to playback.*

Radio

Storing and receiving stations

Caution

When tuning in stations while driving, use Best Tuning Memory (BTM) to prevent an accident.

Storing automatically — BTM

1 Press (SOURCE) repeatedly until "TUNER" appears.
To change the band, press (MODE) repeatedly. You can select from FM1, FM2, FM3, AM1 or AM2.

2 Press and hold (BTM) until "BTM" flashes.
The unit stores stations in order of frequency on the number buttons.
A beep sounds when the setting is stored.

Storing manually

1 While receiving the station that you want to store, press and hold a number button ((1) to (6)) until "MEM" appears.

Note

If you try to store another station on the same number button, the previously stored station will be replaced.

Receiving the stored stations

1 Select the band, then press a number button ((1) to (6)).

Tuning automatically

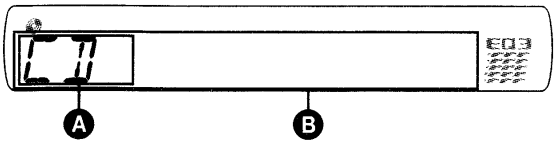
1 Select the band, then press (SEEK) +/– to search for the station.
Scanning stops when the unit receives a station. Repeat this procedure until the desired station is received.

Tip

If you know the frequency of the station you want to listen to, press and hold (SEEK) +/– to locate the approximate frequency, then press (SEEK) +/– repeatedly to fine adjust to the desired frequency (manual tuning).

CD

Display items



A Source
B Track name*1, Disc/artist name*1, Artist name*1, Album number*2, Album name*1, Track number/Elapsed playing time, Clock

*1 *The information of a CD TEXT, MP3/WMA/AAC is displayed.*
*2 *Album number is displayed only when the album is changed.*

To change display items B, press (DSPL).

Tip
Displayed items may differ depending on model, disc type, recording format and settings.

Repeat and shuffle play

1 During playback, press (3) (REP) or (4) (SHUF) repeatedly until the desired setting appears.

Select	To play
⊂ TRACK	track repeatedly.
⊂ ALBUM*	album repeatedly.
SHUF ALBUM*	album in random order.
SHUF DISC	disc in random order.

* *When an MP3/WMA/AAC is played.*

To return to normal play mode, select "⊂ OFF" or "SHUF OFF."

USB devices

For details on the compatibility of your USB device, visit the support site.

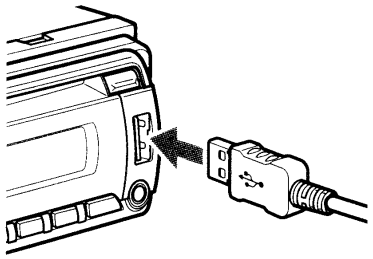
Support site
http://esupport.sony.com
http://www.sony.com/mobileAV

- MSC (Mass Storage Class) and MTP (Media Transfer Protocol) type USB devices compliant with the USB standard can be used.
- Corresponding codec is MP3 (.mp3), WMA (.wma) and AAC (.m4a).
- Backup of data in a USB device is recommended.

Note
Connect the USB device after starting the engine. Depending on the USB device, malfunction or damage may occur if it is connected before starting the engine.

Playing back a USB device

1 Connect the USB device to the USB connector.
When using a cable, use the one supplied with the USB device to connect.



Playback starts.

If a USB device is already connected, to start playback, press (SOURCE) repeatedly until "USB" appears.

Press (OFF) to stop playback.

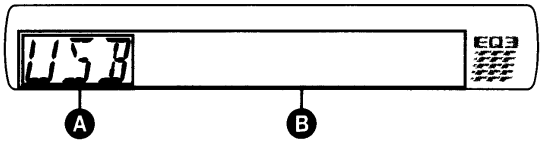
Removing the USB device

1 Stop the USB device playback.
2 Remove the USB device.
If you remove your USB device during playback, data in the USB device may be damaged.

Notes

- *Do not use USB devices so large or heavy that they may fall down due to vibration, or cause a loose connection.*
- *Do not detach the front panel during playback of the USB device, otherwise USB data may be damaged.*
- *This unit cannot recognize USB devices via a USB hub.*

Display items



Ⓐ Source
Ⓑ Track name, Artist name, Album number*, Album name, Track number/Elapsed playing time, Clock

* *Album number is displayed only when the album is changed.*

To change display items Ⓑ, press (DSPL).

Notes

- *Displayed items will differ, depending on the USB device, recorded format and settings. For details, visit the support site.*
- *The maximum number of displayable data is as follows.*
  – folders (albums): 128
  – files (tracks) per folder: 500
- *Do not leave a USB device in a parked car, as malfunction may result.*
- *It may take time for playback to begin, depending on the amount of recorded data.*
- *DRM (Digital Rights Management) files may not be played.*
- *During playback or fast-forward/reverse of a VBR (Variable Bit Rate) MP3/WMA/AAC file, elapsed playing time may not display accurately.*
- *Playback of the following MP3/WMA/AAC files is not supported.*
  – lossless compression
  – copyright-protected

Repeat and shuffle play

1 During playback, press (3) (REP) or (4) (SHUF) repeatedly until the desired setting appears.

Select	To play
⊂ **TRACK**	track repeatedly.
⊂ **ALBUM**	album repeatedly.
SHUF ALBUM	album in random order.
SHUF DEVICE	device in random order.

After 3 seconds, the setting is complete.

To return to normal play mode, select "⊂ OFF" or "SHUF OFF. "

Other functions

Changing the sound settings

Adjusting the sound characteristics

1 Press the select button repeatedly until the desired item appears.

2 Rotate the control dial to adjust the selected item.

3 Press ⮌ (BACK).
The setting is complete and the display returns to normal reception/play mode.

The following items can be set (follow the page reference for details):

EQ3
Selects an equalizer curve from 7 music types (XPLOD, VOCAL, EDGE, CRUISE, SPACE, GRAVITY, CUSTOM or OFF).

LOW*1, **MID***1, **HI***1 (page 14)

BAL (Balance)
Adjusts the sound balance between the left and right speakers.

FAD (Fader)
Adjusts the relative level between the front and rear speakers.

SUB*2 (Subwoofer volume)
Adjusts the subwoofer volume.

AUX*3 (AUX level)
Adjusts the volume level for each connected auxiliary equipment: "+18 dB" – "0 dB" – "–8 dB."
This setting negates the need to adjust the volume level between sources.

*1 *When EQ3 is activated.*
*2 *When the audio output is set to "SUB-OUT" (page 14).*
"ATT" is displayed at the lowest setting, and can be adjusted up to 21 steps.
*3 *When AUX source is activated (page 15).*

Customizing the equalizer curve — EQ3

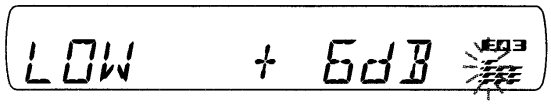
"CUSTOM" of EQ3 allows you to make your own equalizer settings.

1 Select a source, then press the select button repeatedly to select "EQ3."

2 Rotate the control dial to select "CUSTOM."

3 Press the select button repeatedly until "LOW," "MID" or "HI" appears.

4 Rotate the control dial to adjust the selected item.
The volume level is adjustable in 1 dB steps, from –10 dB to +10 dB.



Repeat steps 3 and 4 to adjust the equalizer curve.
To restore the factory-set equalizer curve, press and hold the select button before the setting is complete.

5 Press ⮌ (BACK).
The setting is complete and the display returns to normal reception/play mode.

Tip
Other equalizer types are also adjustable.

Adjusting setup items — SET

1 Press and hold the select button.
The setup display appears.

2 Press the select button repeatedly until the desired item appears.

3 Rotate the control dial to select the setting (example "ON" or "OFF").

4 Press and hold the select button.
The setup is complete and the display returns to normal reception/play mode.

Note
Displayed items will differ, depending on the source and setting.

The following items can be set (follow the page reference for details):

CLOCK-ADJ (Clock Adjust) (page 6)

BEEP
Activates the beep sound: "ON," "OFF."

AUX-A*1 (AUX Audio)
Activates the AUX source display: "ON," "OFF" (page 15).

A.OFF (Auto Off)
Shuts off automatically after a desired time when the unit is turned off: "NO," "30S (Seconds)," "30M (Minutes)," "60M (Minutes)."

SUB/REAR*1
Switches the audio output: "SUB-OUT" (subwoofer), "REAR-OUT" (power amplifier).

DEMO (Demonstration)
Activates the demonstration: "ON," "OFF."

DIM (Dimmer)
Changes the display brightness: "ON," "OFF."

A.SCRL (Auto Scroll)
Scrolls long items automatically: "ON," "OFF."

LOCAL (Local Seek Mode)
– "ON": to only tune into stations with stronger signals.
– "OFF": to tune normal reception.

MONO*2 (Monaural Mode)
Selects monaural reception mode to improve poor FM reception: "ON," "OFF."

Z.TIME (Zappin Time)
Selects the playback time for the ZAPPIN function.
– "Z.TIME-1 (about 6 seconds)," "Z.TIME-2 (about 9 seconds)," "Z.TIME-3 (about 30 seconds)."

LPF*3 (Low Pass Filter)
Selects the subwoofer cut-off frequency: "OFF," "55Hz," "85Hz," "120Hz."

LOUD (Loudness)
Reinforces bass and treble for clear sound at low volume levels: "ON," "OFF."

BTM (page 11)

*1 *When the unit is turned off.*
*2 *When FM is received.*
*3 *When the audio output is set to "SUB-OUT."*

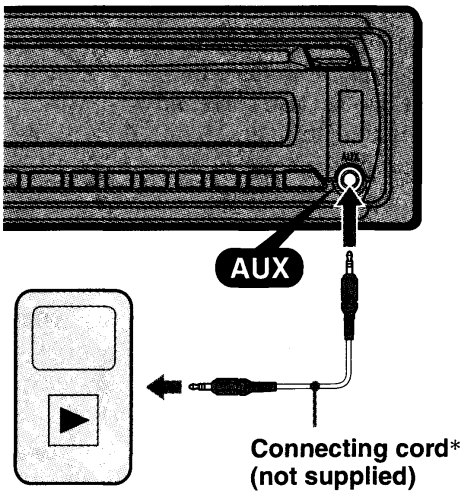
Using optional equipment

Auxiliary audio equipment

By connecting an optional portable audio device to the AUX input jack (stereo mini jack) on the unit and then simply selecting the source, you can listen on your car speakers. The volume level is adjustable for any difference between the unit and the portable audio device. Follow the procedure below:

Connecting the portable audio device

1 Turn off the portable audio device.
2 Turn down the volume on the unit.
3 Connect to the unit.



* *Be sure to use a straight type plug.*

Adjusting the volume level

Be sure to adjust the volume for each connected audio device before playback.

1 Turn down the volume on the unit.
2 Press SOURCE repeatedly until "AUX" appears.
After that, "AUX FRONT IN" appears.
3 Start playback of the portable audio device at a moderate volume.
4 Set your usual listening volume on the unit.
5 Adjust the input level (page 13).

Additional Information

Precautions

- Cool off the unit beforehand if your car has been parked in direct sunlight.
- Power antenna (aerial) extends automatically.

Moisture condensation

Should moisture condensation occur inside the unit, remove the disc and wait for about an hour for it to dry out; otherwise the unit will not operate properly.

To maintain high sound quality

Do not splash liquid onto the unit or discs.

Notes on discs

- Do not expose discs to direct sunlight or heat sources such as hot air ducts, nor leave it in a car parked in direct sunlight.
- Before playing, wipe the discs with a cleaning cloth from the center out. Do not use solvents such as benzine, thinner, commercially available cleaners.

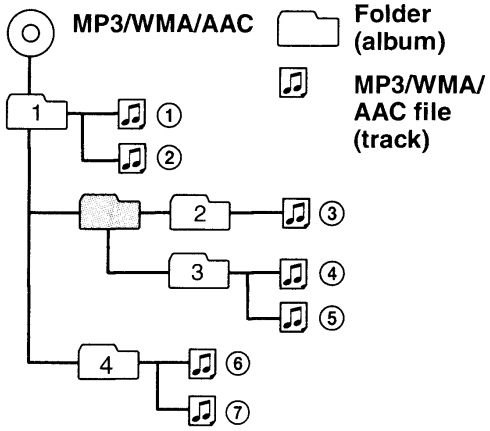


- This unit is designed to playback discs that conform to the Compact Disc (CD) standard. DualDiscs and some of the music discs encoded with copyright protection technologies do not conform to the Compact Disc (CD) standard, therefore, these discs may not be playable by this unit.
- **Discs that this unit CANNOT play**
  - Discs with labels, stickers, or sticky tape or paper attached. Doing so may cause a malfunction, or may ruin the disc.
  - Discs with non-standard shapes (e.g., heart, square, star). Attempting to do so may damage the unit.
  - 8 cm (3 1/4 in) discs.

Notes on CD-R/CD-RW discs

- The maximum number of: (CD-R/CD-RW only)
  - folders (albums): 150 (including root folder)
  - files (tracks) and folders: 300 (may less than 300 if folder/file names contain many characters)
  - displayable characters for a folder/file name: 32 (Joliet)/64 (Romeo)
- If the multi-session disc begins with a CD-DA session, it is recognized as a CD-DA disc, and other sessions are not played back.
- **Discs that this unit CANNOT play**
  - CD-R/CD-RW of poor recording quality.
  - CD-R/CD-RW recorded with an incompatible recording device.
  - CD-R/CD-RW which is finalized incorrectly.
  - CD-R/CD-RW other than those recorded in music CD format or MP3 format conforming to ISO9660 Level 1/Level 2, Joliet/Romeo or multi-session.

Playback order of MP3/WMA/AAC files

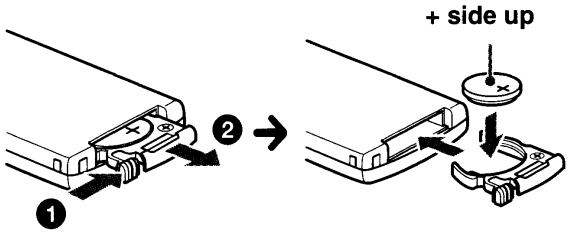


If you have any questions or problems concerning your unit that are not covered in this manual, consult your nearest Sony dealer.

Maintenance

Replacing the lithium battery of the card remote commander

Under normal conditions, the battery will last approximately 1 year. (The service life may be shorter, depending on the conditions of use.) When the battery becomes weak, the range of the card remote commander becomes shorter. Replace the battery with a new CR2025 lithium battery. Use of any other battery may present a risk of fire or explosion.



Notes on the lithium battery

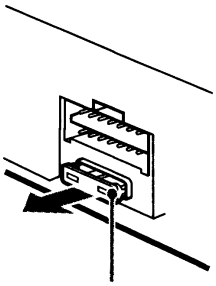
- *Keep the lithium battery out of the reach of children. Should the battery be swallowed, immediately consult a doctor.*
- *Wipe the battery with a dry cloth to assure a good contact.*
- *Be sure to observe the correct polarity when installing the battery.*
- *Do not hold the battery with metallic tweezers, otherwise a short-circuit may occur.*

WARNING

Battery may explode if mistreated.
Do not recharge, disassemble, or dispose of in fire.

Fuse replacement

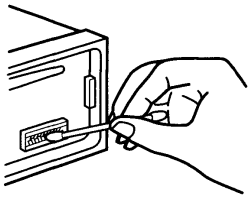
When replacing the fuse, be sure to use one matching the amperage rating stated on the original fuse. If the fuse blows, check the power connection and replace the fuse. If the fuse blows again after replacement, there may be an internal malfunction. In such a case, consult your nearest Sony dealer.



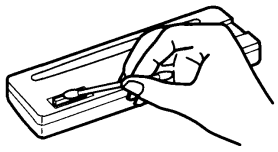
Fuse (10 A)

Cleaning the connectors

The unit may not function properly if the connectors between the unit and the front panel are not clean. In order to prevent this, detach the front panel (page 7) and clean the connectors with a cotton swab. Do not apply too much force. Otherwise, the connectors may be damaged.



Main unit



Back of the front panel

Notes

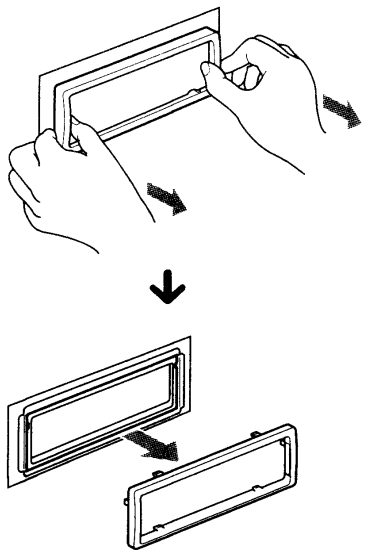
- *For safety, turn off the ignition before cleaning the connectors, and remove the key from the ignition switch.*
- *Never touch the connectors directly with your fingers or with any metal device.*

Removing the unit

1 Remove the protection collar.

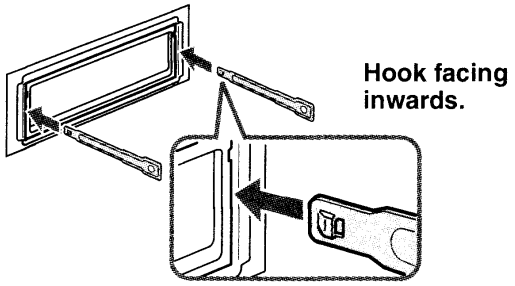
❶ Detach the front panel (page 7).

❷ Pinch both edges of the protection collar, then pull it out.

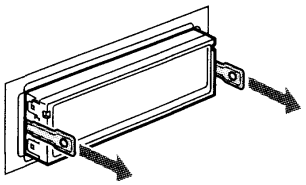


2 Remove the unit.

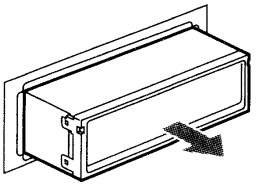
❶ Insert both release keys simultaneously until they click.



❷ Pull the release keys to unseat the unit.



❸ Slide the unit out of the mounting.



Specifications

AUDIO POWER SPECIFICATIONS

CEA2006 Standard
Power Output: 17 Watts RMS × 4 at 4 Ohms < 1% THD+N
SN Ratio: 80 dBA
(reference: 1 Watt into 4 Ohms)

Tuner section

FM

Tuning range: 87.5 – 107.9 MHz
Antenna (aerial) terminal:
External antenna (aerial) connector
Intermediate frequency: 150 kHz
Usable sensitivity: 10 dBf
Selectivity: 75 dB at 400 kHz
Signal-to-noise ratio: 70 dB (mono)
Separation: 40 dB at 1 kHz
Frequency response: 20 – 15,000 Hz

AM

Tuning range: 530 – 1,710 kHz
Antenna (aerial) terminal:
External antenna (aerial) connector
Intermediate frequency: 25 kHz
Sensitivity: 26 μV

CD Player section

Signal-to-noise ratio: 120 dB
Frequency response: 10 – 20,000 Hz
Wow and flutter: Below measurable limit

USB Player section

Interface: USB (Full-speed)
Maximum current: 500mA

Power amplifier section

Output: Speaker outputs
Speaker impedance: 4 – 8 ohms
Maximum power output: 52 W × 4 (at 4 ohms)

General

Outputs:
Audio outputs terminal (sub/rear switchable)
Power antenna (aerial) relay control terminal
Power amplifier control terminal
Inputs:
Antenna (aerial) input terminal
AUX input jack (stereo mini jack)
USB signal input connector
Tone controls:
Low: ±10 dB at 60 Hz (XPLOD)
Mid: ±10 dB at 1 kHz (XPLOD)
High: ±10 dB at 10 kHz (XPLOD)

Power requirements: 12 V DC car battery (negative ground (earth))
Dimensions: Approx. 178 × 50 × 179 mm (7 1/8 × 2 × 7 1/8 in) (w/h/d)
Mounting dimensions: Approx. 182 × 53 × 162 mm (7 1/4 × 2 1/8 × 6 1/2 in) (w/h/d)
Mass: Approx. 1.2 kg (2 lb 11 oz)
Supplied accessories:
Card remote commander: RM-X151
Parts for installation and connections (1 set)

Design and specifications are subject to change without notice.

Troubleshooting

The following checklist will help you remedy problems you may encounter with your unit. Before going through the checklist below, check the connection and operating procedures.

If the problem is not solved, visit the following support site.

Support site
http://esupport.sony.com
http://www.sony.com/mobileAV

General

No power is being supplied to the unit.
- Check the connection or fuse.
- If the unit is turned off and the display disappears, it cannot be operated with the remote commander.
  → Turn on the unit.

The power antenna (aerial) does not extend.
The power antenna (aerial) does not have a relay box.

No sound.
- The ATT function is activated.
- The position of the fader control "FAD" is not set for a 2-speaker system.

No beep sound.
- The beep sound is canceled (page 14).
- An optional power amplifier is connected and you are not using the built-in amplifier.

The contents of the memory have been erased.
- The RESET button has been pressed.
  → Store again into the memory.
- The power supply lead or battery has been disconnected or it is not connected properly.

Stored stations and correct time are erased.
The fuse has blown.
Makes noise when the position of the ignition is switched.
The leads are not matched correctly with the car's accessory power connector.

During playback or reception, demonstration mode starts.
If no operation is performed for 5 minutes with "DEMO-ON" set, demonstration mode starts.
→ Set "DEMO-OFF" (page 14).

continue to next page →

The display disappears from/does not appear in the display window.

- The dimmer is set "DIM-ON" (page 14).
- The display disappears if you press and hold (OFF).
  → Press and hold (OFF) on the unit until the display appears.
- The connectors are dirty (page 17).

The Auto Off function does not operate.

The unit is turned on. The Auto Off function activates after turning off the unit.
→ Turn off the unit.

Radio reception

The stations cannot be received.
The sound is hampered by noises.

- The connection is not correct.
  → Connect a power antenna (aerial) control lead (blue) or accessory power supply lead (red) to the power supply lead of a car's antenna (aerial) booster (only when your car has built-in FM/AM antenna (aerial) in the rear/side glass).
  → Check the connection of the car antenna (aerial).
  → If the auto antenna (aerial) will not go up, check the connection of the power antenna (aerial) control lead.

Preset tuning is not possible.

- Store the correct frequency in the memory.
- The broadcast signal is too weak.

Automatic tuning is not possible.

- Setting of the local seek mode is not correct.
  → Tuning stops too frequently:
  Set "LOCAL-ON" (page 14).
  → Tuning does not stop at a station:
  Set "LOCAL-OFF" (page 14).
- The broadcast signal is too weak.
  → Perform manual tuning.

During FM reception, the "ST" indication flashes.

- Tune in the frequency accurately.
- The broadcast signal is too weak.
  → Set "MONO-ON" (page 14).

An FM program broadcast in stereo is heard in monaural.

The unit is in monaural reception mode.
→ Set "MONO-OFF" (page 14).

CD playback

The disc cannot be loaded.

- Another disc is already loaded.
- The disc has been forcibly inserted upside down or in the wrong way.

The disc does not playback.

- Defective or dirty disc.
- The CD-Rs/CD-RWs are not for audio use (page 16).

MP3/WMA/AAC files cannot be played back.

The disc is incompatible with the MP3/WMA/AAC format and version. For details on playable discs and formats, visit the support site.

MP3/WMA/AAC files take longer to play back than others.

The following discs take a longer time to start playback.
– a disc recorded with a complicated tree structure.
– a disc recorded in Multi Session.
– a disc to which data can be added.

The display items do not scroll.

- For discs with very many characters, those may not scroll.
- "A.SCRL" is set to "OFF."
  → Set "A.SCRL-ON" (page 14).
  → Press and hold (DSPL) (SCRL).

The sound skips.

- Installation is not correct.
  → Install the unit at an angle of less than 45° in a sturdy part of the car.
- Defective or dirty disc.

The operation buttons do not function.
The disc will not eject.

Press the RESET button (page 6).

USB playback

You cannot play back items via a USB hub.

This unit cannot recognize USB devices via a USB hub.

Cannot play back items.

A USB device does not work.
→ Reconnect it.

The USB device takes longer to play back.

The USB device contains files with a complicated tree structure.

A beep sounds.

During playback, the USB device has been disconnected.
→ Before disconnecting a USB device, make sure to stop playback first for data protection.

The sound is intermittent.

The sound may be intermittent at a high-bit-rate of more than 320 kbps.

Error displays/Messages

CHECKING
The unit is confirming the connection of a USB device.
→ Wait until confirming the connection is finished.

ERROR
- The disc is dirty or inserted upside down.
  → Clean or insert the disc correctly.
- A blank disc has been inserted.
- The disc cannot play due to a problem.
  → Insert another disc.
- USB device was not automatically recognized.
  → Reconnect it again.
- Press ⏏ to remove the disc.

FAILURE
The connection of speakers/amplifiers is incorrect.
→ See the installation/connections manual of this model to check the connection.

HUB NO SUPRT (HUB Not Support)
USB hub is not supported on this unit.

L. SEEK +/–
The local seek mode is on during automatic tuning.

NO DEV (No Device)
(SOURCE) is selected without a USB device connected. A USB device or a USB cable has been disconnected during playback.
→ Be sure to connect a USB device and USB cable.

NO MUSIC
The disc or USB device does not contain a music file.
→ Insert a music CD in this unit.
→ Connect a USB device with a music file in it.

NO NAME
A disc/album/artist/track name is not written in the track.

OFFSET
There may be an internal malfunction.
→ Check the connection. If the error indication remains on in the display, consult your nearest Sony dealer.

OVERLOAD
USB device is overloaded.
→ Disconnect the USB device, then change the source by pressing (SOURCE).
→ Indicates that the USB device is out of order, or an unsupported device is connected.

READ
The unit is reading all track and album information on the disc.
→ Wait until reading is complete and playback starts automatically. Depending on the disc structure, it may take more than a minute.

RESET
This unit or USB device cannot be operated due to a problem.
→ Press the RESET button (page 6).

USB NO SUPRT (USB Not Support)
The connected USB device is not supported.
→ For details on the compatibility of your USB device, visit the support site.

"└└└└" or "┐┐┐┐"
During reverse or fast-forward, you have reached the beginning or the end of the disc and you cannot go any further.

"_"
The character cannot be displayed with the unit.

If these solutions do not help improve the situation, consult your nearest Sony dealer.
If you take the unit to be repaired because of CD playback trouble, bring the disc that was used at the time the problem began.

If you have any questions/problems regarding this product, try the following:

1 ***Read Troubleshooting in these Operating Instructions.***

2 ***Reset the unit.***

Note: Stored data may be erased.

3 ***Please contact (U.S.A. only);***

Call **1-800-222-7669**

URL **http://www.SONY.com**

http://www.sony.net/

Sony Corporation Printed in Thailand

SONY

4-156-429-**52**(1)

FM/AM Compact Disc Player

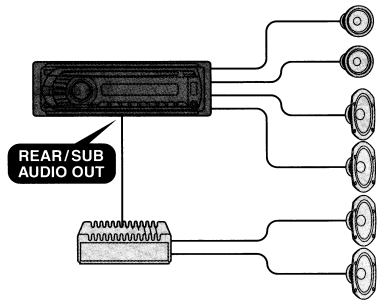
Installation/Connections
Instalación/Conexiones

CDX-GT35U
CDX-GT35UW

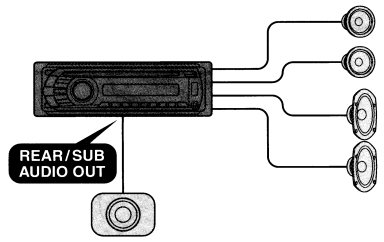
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2

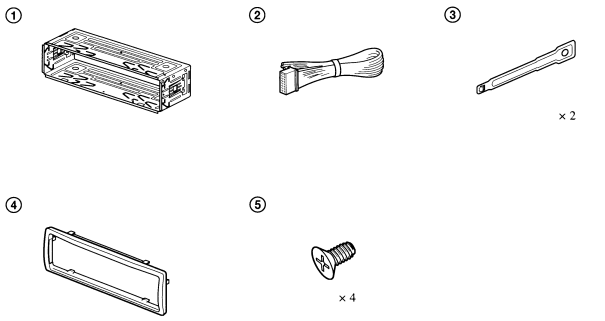
A



B



1



Equipment used in illustrations (not supplied)
Equipo utilizado en las ilustraciones (no suministrado)



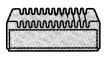
Front speaker
Altavoz frontal



Active subwoofer
Altavoz potenciador de graves activo



Rear speaker
Altavoz posterior



Power amplifier
Amplificador de potencia

Cautions

- This unit is designed for negative ground (earth) 12 V DC operation only.
- Do not get the leads under a screw, or caught in moving parts (e.g. seat railing).
- Before making connections, turn the car ignition off to avoid short circuits.
- Connect the **yellow** and **red** power supply leads only after all other leads have been connected.
- **Run all ground (earth) leads to a common ground (earth) point.**
- Be sure to insulate any loose unconnected leads with electrical tape for safety.
- The use of optical instruments with this product will increase eye hazard.

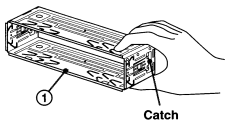
Notes on the power supply lead (yellow)

- When connecting this unit in combination with other stereo components, the connected car circuit's rating must be higher than the sum of each component's fuse.
- When no car circuits are rated high enough, connect the unit directly to the battery.

Parts list 1

- The numbers in the list are keyed to those in the instructions.
- The bracket ① and the protection collar ④ are attached to the unit before shipping. Before mounting the unit, use the release keys ③ to remove the bracket ① from the unit. For details, see "Removing the protection collar and the bracket (**4**)" on the reverse side of the sheet.
- **Keep the release keys ③ for future use as they are also necessary if you remove the unit from your car.**

Caution
Handle the bracket ① carefully to avoid injuring your fingers.



Note
Before installing, make sure that the catches on both sides of the bracket ① are bent inwards 2 mm (5/32 in). If the catches are straight or bent outwards, the unit will not be installed securely and may spring out.

Connection example 2

***Notes* (2-A)**
- *Be sure to connect the ground (earth) lead before connecting the amplifier.*
- *The alarm will only sound if the built-in amplifier is used.*

Connection diagram 3

❶ **To a metal surface of the car**
First connect the black ground (earth) lead, then connect the yellow, and red power supply leads.

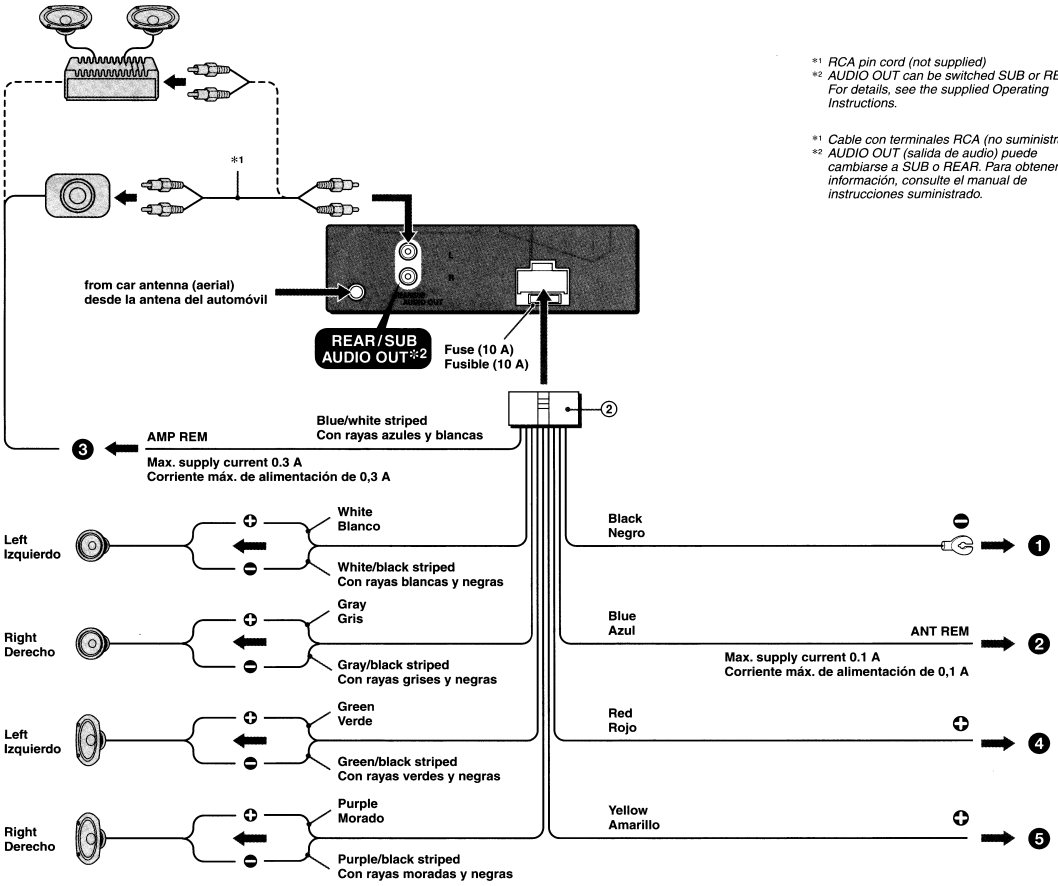
❷ **To the power antenna (aerial) control lead or power supply lead of antenna (aerial) booster**
Notes
- *It is not necessary to connect this lead if there is no power antenna (aerial) or antenna (aerial) booster, or with a manually-operated telescopic antenna (aerial).*
- *When your car has a built-in FM/AM antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads."*

❸ **To AMP REMOTE IN of an optional power amplifier**
This connection is only for amplifiers. Connecting any other system may damage the unit.

❹ **To the +12 V power terminal which is energized in the accessory position of the ignition key switch**
Notes
- *If there is no accessory position, connect to the +12 V power (battery) terminal which is energized at all times. Be sure to connect the black ground (earth) lead to a metal surface of the car first.*
- *When your car has a built-in FM/AM antenna (aerial) in the rear/side glass, see "Notes on the control and power supply leads."*

❺ **To the +12 V power terminal which is energized at all times**
Be sure to connect the black ground (earth) lead to a metal surface of the car first.

3



*1 *RCA pin cord (not supplied)*
*2 *AUDIO OUT can be switched SUB or REAR. For details, see the supplied Operating Instructions.*

*1 *Cable con terminales RCA (no suministrado)*
*2 *AUDIO OUT (salida de audio) puede cambiarse a SUB o REAR. Para obtener información, consulte el manual de instrucciones suministrado.*

Notes on the control and power supply leads
- *The power antenna (aerial) control lead (blue) supplies +12 V DC when you turn on the tuner.*
- *When your car has built-in FM/AM antenna (aerial) in the rear/side glass, connect the power antenna (aerial) control lead (blue) or the accessory power supply lead (red) to the power terminal of the existing antenna (aerial) booster. For details, consult your dealer.*
- *A power antenna (aerial) without a relay box cannot be used with this unit.*

Memory hold connection
When the yellow power supply lead is connected, power will always be supplied to the memory circuit even when the ignition switch is turned off.

Notes on speaker connection
- *Before connecting the speakers, turn the unit off.*
- *Use speakers with an impedance of 4 to 8 ohms, and with adequate power handling capacities to avoid its damage.*
- *Do not connect the speaker terminals to the car chassis, or connect the terminals of the right speakers with those of the left speaker.*
- *Do not connect the ground (earth) lead of this unit to the negative (–) terminal of the speaker.*
- *Do not attempt to connect the speakers in parallel.*
- *Connect only passive speakers. Connecting active speakers (with built-in amplifiers) to the speaker terminals may damage the unit.*
- *To avoid a malfunction, do not use the built-in speaker leads installed in your car if the unit shares a common negative (–) lead for the right and left speakers.*
- *Do not connect the unit's speaker leads to each other.*

Note on connection
If speaker and amplifier are not connected correctly, "FAILURE" appears in the display. In this case, make sure the speaker and amplifier are connected correctly.

Precauciones

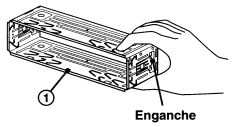
- Esta unidad ha sido diseñada para alimentarse sólo con cc de 12 V de masa negativa.
- No coloque los cables debajo de ningún tornillo, ni los aprisione con partes móviles (p. ej. los raíles del asiento).
- Antes de realizar las conexiones, apague el automóvil para evitar cortocircuitos.
- Conecte los cables de fuente de alimentación **amarillo** y **rojo** solamente después de haber conectado los demás.
- **Conecte todos los cables de conexión a masa a un punto común.**
- Por razones de seguridad, asegúrese de aislar con cinta aislante los cables sueltos que no estén conectados.

Notas sobre el cable de fuente de alimentación (amarillo)
- Cuando conecte esta unidad en combinación con otros componentes estéreo, la capacidad nominal del circuito conectado del automóvil debe ser superior a la suma del fusible de cada componente.
- Si no hay circuitos del automóvil con capacidad nominal suficientemente alta, conecte la unidad directamente a la batería.

Lista de componentes 1

- Los números de la lista corresponden a los de las instrucciones.
- La unidad se comercializa con el soporte ① y el marco de protección ④ ya colocados. Antes de montarla, utilice las llaves de liberación ③ para extraer el soporte ① de la misma. Para obtener más información, consulte "Extracción del marco de protección y del soporte (4)".
- **Conserve las llaves de liberación ③ para utilizarlas en el futuro, ya que también las necesitará si retira la unidad del automóvil.**

Precaución
Tenga mucho cuidado al manipular el soporte ① para evitar posibles lesiones en los dedos.



Nota
Antes de instalar la unidad, compruebe que los enganches de ambos lados del soporte ① están doblados hacia adentro 2 mm. Si no lo están o están doblados hacia afuera, la unidad no se instalará correctamente y puede saltar.

Ejemplo de conexiones 2

Notas (2-A)
- *Asegúrese de conectar primero el cable de conexión a masa antes de realizar la conexión del amplificador.*
- *La alarma sonará únicamente si se utiliza el amplificador incorporado.*

Diagrama de conexión 3

❶ **A una superficie metálica del automóvil**
Conecte primero el cable de conexión a masa negro, y después los cables amarillo y rojo de fuente de alimentación.

❷ **Al cable de control de la antena motorizada o al cable de fuente de alimentación del amplificador de señal de la antena**
Notas
- *Si no se dispone de antena motorizada ni de amplificador de antena, o se utiliza una antena telescópica accionada manualmente, no será necesario conectar este cable.*
- *Si el automóvil incorpora una antena de FM/AM en el cristal trasero o lateral, consulte "Notas sobre los cables de control y de fuente de alimentación".*

❸ **A AMP REMOTE IN de un amplificador de potencia opcional**
Esta conexión es sólo para amplificadores. La conexión de cualquier otro sistema puede dañar la unidad.

❹ **Al terminal de alimentación de +12 V que recibe energía en la posición de accesorio del interruptor de encendido**
Notas
- *Si no hay posición de accesorio, conéctelo al terminal de alimentación (batería) de +12 V que recibe energía sin interrupción.*
  Asegúrese de conectar primero el cable de conexión a masa negro a una superficie metálica del automóvil.
- *Si el automóvil incorpora una antena de FM/AM en el cristal trasero o lateral, consulte "Notas sobre los cables de control y de fuente de alimentación".*

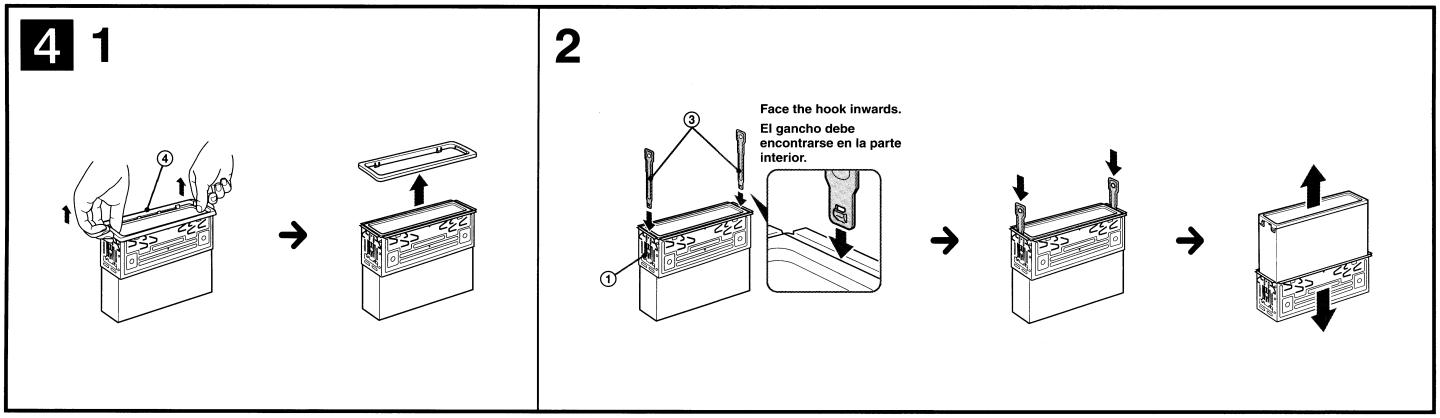
❺ **Al terminal de alimentación de +12 V que recibe energía sin interrupción**
Asegúrese de conectar primero el cable de conexión a masa negro a una superficie metálica del automóvil.

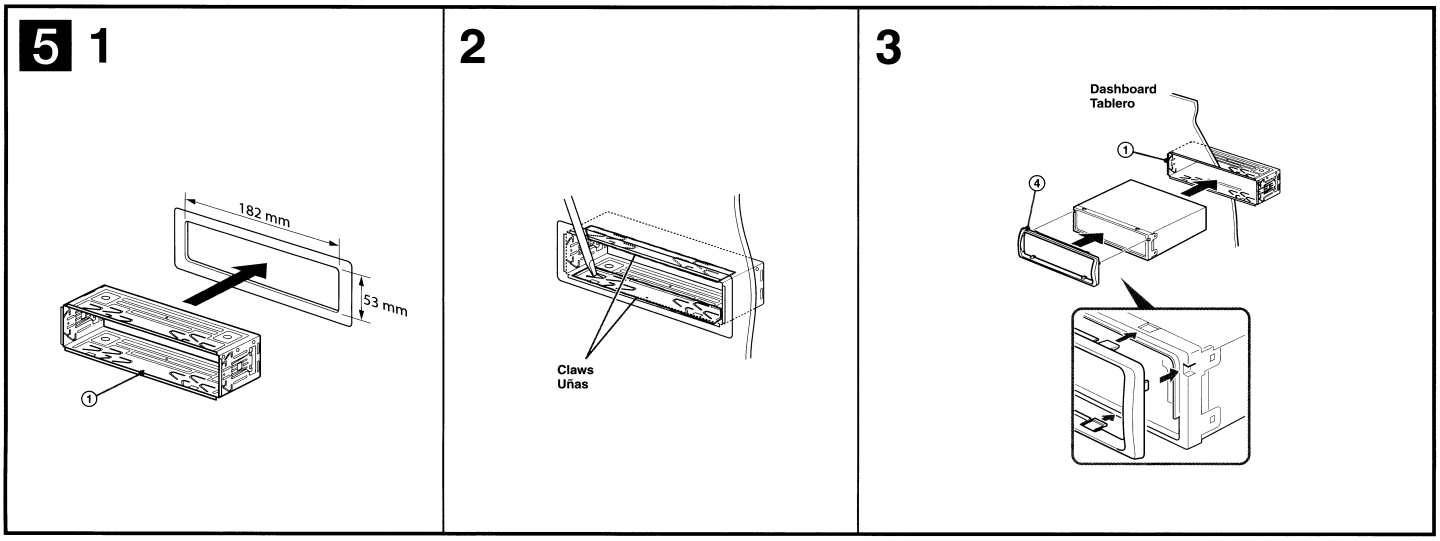
Notas sobre los cables de control y de fuente de alimentación
- *El cable de control de la antena motorizada (azul) suministrará cc de + 12 V cuando conecte la alimentación del sintonizador.*
- *Si el automóvil dispone de una antena de FM/AM incorporada en el cristal trasero o lateral, conecte el cable de control de antena motorizada (azul) o el cable de fuente de alimentación auxiliar (rojo) al terminal de alimentación del amplificador de antena existente. Para obtener más información, consulte a su distribuidor.*
- *Con esta unidad no es posible utilizar una antena motorizada sin caja de relé.*

Conexión para protección de la memoria
Si conecta el cable de fuente de alimentación amarillo, el circuito de la memoria recibirá siempre alimentación, aunque apague el interruptor de encendido.

Notas sobre la conexión de los altavoces
- *Antes de conectar los altavoces, desconecte la alimentación de la unidad.*
- *Utilice altavoces con una impedancia de 4 a 8 Ω con la capacidad de potencia adecuada para evitar que se dañen.*
- *No conecte los terminales de altavoz al chasis del automóvil, ni conecte los terminales del altavoz derecho con los del izquierdo.*
- *No conecte el cable de conexión a masa de esta unidad al terminal negativo (–) del altavoz.*
- *No intente conectar los altavoces en paralelo.*
- *Conecte solamente altavoces pasivos. Si conecta altavoces activos (con amplificadores incorporados) a los terminales de altavoz, puede dañar la unidad.*
- *Para evitar fallas de funcionamiento, no utilice los cables de altavoz incorporados instalados en el automóvil si la unidad comparte un cable negativo común (–) para los altavoces derecho e izquierdo.*
- *No conecte los cables de altavoz de la unidad entre sí.*

Nota sobre la conexión
Si el altavoz y el amplificador no están conectados correctamente, aparecerá "FAILURE" en la pantalla. Si es así, compruebe la conexión de ambos dispositivos.





Precautions

- Choose the installation location carefully so that the unit will not interfere with normal driving operations.
- Avoid installing the unit in areas subject to dust, dirt, excessive vibration, or high temperatures, such as in direct sunlight or near heater ducts.
- Use only the supplied mounting hardware for a safe and secure installation.

Mounting angle adjustment

Adjust the mounting angle to less than 45°.

Removing the protection collar and the bracket 4

Before installing the unit, remove the protection collar ④ and the bracket ① from the unit.

1 **Remove the protection collar ④.**
Pinch both edges of the protection collar ④, then pull it out.

2 **Remove the bracket ①.**
❶ Insert both release keys ③ together between the unit and the bracket ① until they click.
❷ Pull down the bracket ①, then pull up the unit to separate.

Mounting example 5

Installation in the dashboard

Notes
- *Bend these claws outward for a tight fit, if necessary (5-2).*
- *Make sure that the 4 catches on the protection collar ④ are properly engaged in the slots of the unit (5-3).*

Mounting the unit in a Japanese car 6

You may not be able to install this unit in some makes of Japanese cars. In such a case, consult your Sony dealer.

Note
To prevent malfunction, install only with the supplied screws ⑤.

How to detach and attach the front panel 7

Before installing the unit, detach the front panel.

7-A To detach

Before detaching the front panel, be sure to press (OFF). Press ⏏, and pull it off towards you.

7-B To attach

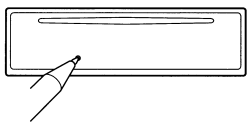
Engage part Ⓐ of the front panel with part Ⓑ of the unit, as illustrated, and push the left side into position until it clicks.

Warning if your car's ignition has no ACC position

Be sure to set the Auto Off function. For details, see the supplied Operating Instructions.
The unit will shut off completely and automatically in the set time after the unit is turned off, which prevents battery drain.
If you do not set the Auto Off function, press and hold (OFF) until the display disappears each time you turn the ignition off.

RESET button

When the installation and connections are completed, be sure to press the RESET button with a ball-point pen, etc., after detaching the front panel.



Precauciones

- Elija cuidadosamente el lugar de montaje de forma que la unidad no interfiera con las funciones normales de conducción.
- Evite instalar la unidad donde pueda quedar sometida a polvo, suciedad, vibraciones excesivas o altas temperaturas como, por ejemplo, a la luz solar directa o cerca de conductos de calefacción.
- Para realizar una instalación segura y firme, utilice solamente elementos de instalación suministrados.

Ajuste del ángulo de montaje

Ajuste el ángulo de montaje a menos de 45°.

Extracción del marco de protección y del soporte 4

Antes de instalar la unidad, retire el marco de protección ④ y el soporte ① de la misma.

1 **Retire el marco de protección ④.**
Apriete ambos bordes del marco de protección ④ y, a continuación, tire de él hacia fuera.

2 **Retire el soporte ①.**
❶ Inserte ambas llaves de liberación ③ entre la unidad y el soporte ① hasta que encajen.
❷ Presione el soporte ① y, a continuación, levante la unidad para separar ambos elementos.

Ejemplo de montaje 5

Instalación en el tablero

Notas
- *Si es necesario, doble estos uñas hacia fuera para que encaje firmemente (5-2).*
- *Compruebe que los 4 enganches del marco de protección ④ estén bien fijados en las ranuras de la unidad (5-3).*

Montaje de la unidad en un automóvil japonés 6

Es posible que no pueda instalar esta unidad en algunos automóviles japoneses. En tal caso, consulte a su distribuidor Sony.

Nota
Para evitar que se produzcan fallas de funcionamiento, realice la instalación solamente con los tornillos suministrados ⑤.

Forma de extraer e instalar el panel frontal 7

Antes de instalar la unidad, extraiga el panel frontal.

7-A Para extraerlo

Antes de extraer el panel frontal, asegúrese de presionar (OFF). Después presione ⏏ y tire de él hacia usted.

7-B Para instalarlo

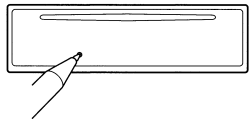
Coloque la parte Ⓐ del panel frontal en la parte Ⓑ de la unidad, como se muestra en la ilustración, y después presione la parte izquierda hasta que encaje.

Advertencia: si el encendido del automóvil no dispone de una posición ACC

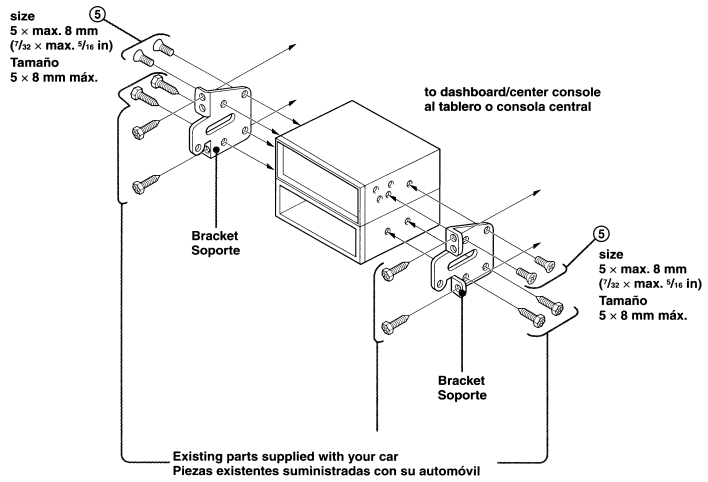
Asegúrese de ajustar la función de desconexión automática. Para obtener más información, consulte el manual de instrucciones suministrado.
La unidad se apagará completa y automáticamente en el tiempo establecido después de que se desconecte la unidad, lo que evita que se desgaste la batería.
Si no ha ajustado la función de desconexión automática, mantenga presionado (OFF) cada vez que apague el interruptor de encendido, hasta que la pantalla desaparezca.

Botón RESET

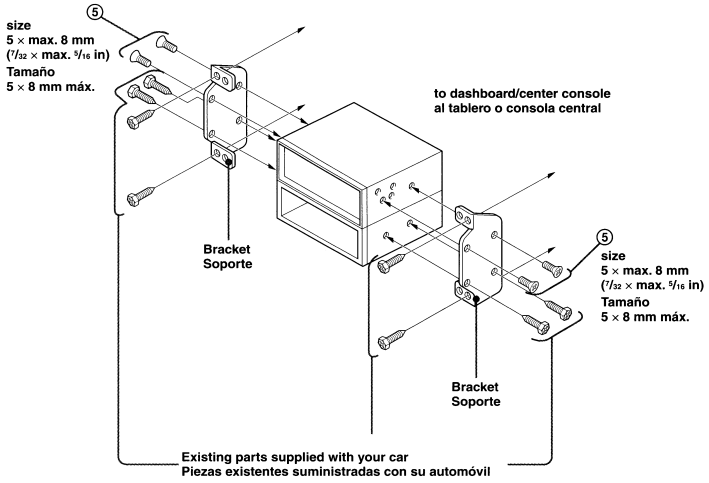
Una vez finalizada la instalación y las conexiones, desmonte el panel frontal y presione el botón RESET con un bolígrafo o un objeto similar.



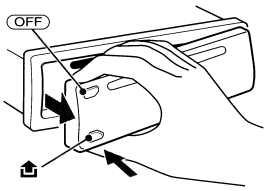
6 A TOYOTA



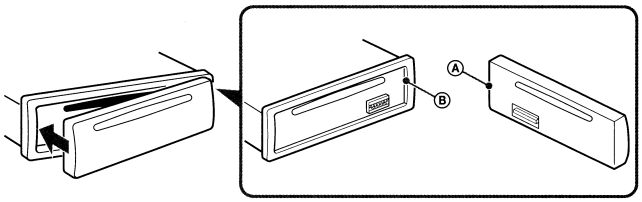
B NISSAN



7 A



B



Specifications

Speaker	Coaxial 2-way: Woofer 16 cm, HOP, cone type Tweeter 4 cm, Al, cone type
Peak power	190 W
Rated power	40 W
Impedance	4 Ω
Sensitivity	90 dB/W/m
Frequency response	35 – 22,000 Hz
Mass	Approx. 560 g per speaker
Supplied accessory	Parts for installation

Design and specifications are subject to change without notice.

Especificaciones

Altavoz	Coaxial de 2 vías: Graves de HOP de 16 cm, tipo cono Agudos de AL de 4 cm, tipo cono
Potencia máxima	190 W
Potencia nominal	40 W
Impedancia	4 Ω
Sensibilidad	90 dB/W/m
Respuesta en frecuencia	35 – 22 000 Hz
Peso	Aprox. 560 g por altavoz
Accesorios suministrados	Componentes para instalación

Diseño y especificaciones sujetos a cambios sin previo aviso.

Precautions

- Do not continuously use the speaker system beyond the peak power handling capacity.
- Keep recorded tapes, watches, and personal credit cards using magnetic coding away from the speaker system to protect them from damage caused by the magnets in the speakers.

If you cannot find an appropriate mounting location, consult your car dealer or your nearest Sony dealer before mounting.

Precauciones

- Evite utilizar de forma continuada el sistema de altavoces con una potencia que sobrepase su capacidad de potencia máxima.
- Mantenga alejados del sistema de altavoces las cintas grabadas, relojes o tarjetas de crédito con codificación magnética para evitar daños que posiblemente causaría el imán de los altavoces.

Si no puede encontrar un emplazamiento apropiado para instalarlos, consulte al distribuidor de su automóvil o al proveedor de Sony más próximo.

SONY

4-198-063-**11**(1)

16cm Coaxial 2-way Speaker

Installation/Connections
Instalación/Conexiones

CXS-GT3516F

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Welcome !

The CXS-GT3516F package includes the following:
- Car audio unit CDX-GT35U
  See the supplied CDX-GT35U manual.
- Speaker XS-GF1622X*

* See this manual.

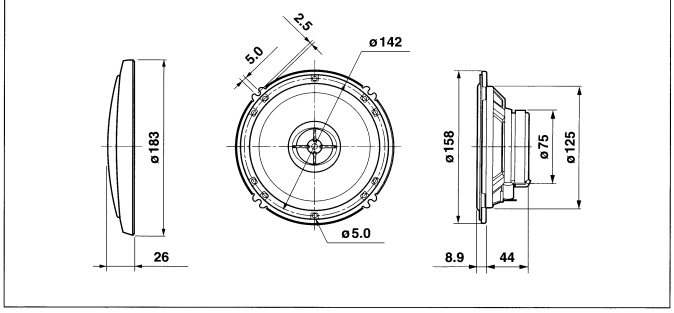
Bienvenido !

El paquete CXS-GT3516F incluye los accesorios siguientes:
- Unidad de audio para automóvil CDX-GT35U
  Consulte el manual de CDX-GT35U suministrado.
- Altavoz XS-GF1622X*

* Consulte este manual.

Dimensions
Dimensiones

Unit: mm
Unidad: mm



Mounting/Montaje

Before Mounting

A depth of at least 44 mm is required for flush mounting. Measure the depth of the area where you are to mount the speaker, and ensure that the speaker is not obstructing any other components of the car. Keep the following in mind when choosing a mounting location:

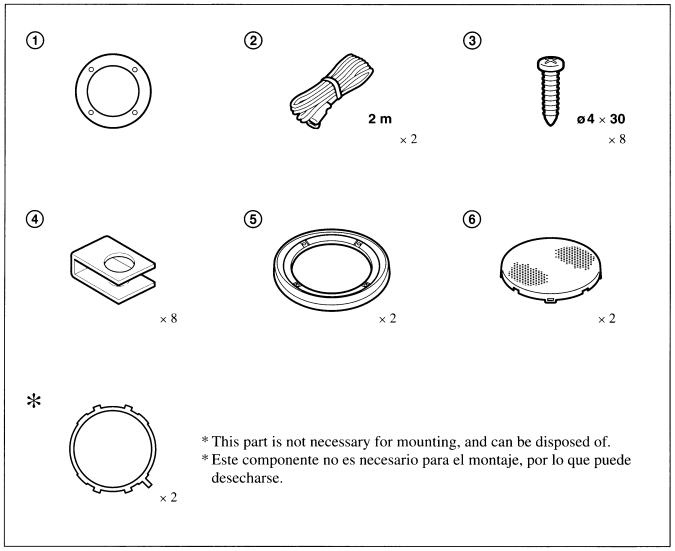
- Make sure that nothing is obstructing around the mounting location of the door (front or rear) where you are to mount the speaker.
- A hole for mounting may already be cut out of the inner panel of the door (front or rear). In this case, you need to modify the board only.
- If you are to mount this speaker system in the door (front or rear), make sure that the speaker terminals, frame or magnet do not interfere with any inner parts, such as the window mechanism in the door (when you open or close the window), etc.
  Also make sure that the speaker grille does not touch any inner fittings, such as the window cranks, door handles, arm rests, door pockets, lamps or seats etc.

Antes del montaje

Para montar el altavoz de modo que quede empotrado en la ubicación de montaje se requiere una profundidad mínima de 44 mm. Mida la profundidad del área donde desee montar el altavoz y asegúrese de que no obstruya ningún otro componente del automóvil. Cuando elija la ubicación de montaje, recuerde lo siguiente:

- Asegúrese de que no haya ningún objeto cerca de la puerta (delantera o trasera) donde desea montar el altavoz que pueda impedir su instalación.
- Es posible que en el panel interno de la puerta (delantera o trasera) ya exista un orificio para montar el altavoz. En este caso, sólo deberá modificar el tablero.
- Si desea montar este sistema de altavoces en la puerta (delantera o trasera), asegúrese de que los terminales, el marco o el imán del altavoz no interfieran con los componentes internos como, por ejemplo, el mecanismo de la ventanilla de la puerta (al subir o bajar la ventanilla), etc. Asegúrese también de que la rejilla del altavoz no esté en contacto con accesorios internos como, por ejemplo, los picaportes de las ventanillas y las puertas, los reposabrazos, los compartimentos para guardar objetos situados en las puertas, las luces o los asientos, etc.

Parts list/Lista de componentes

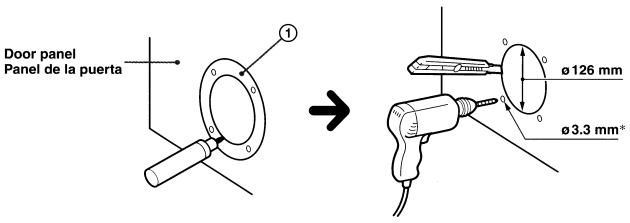


* This part is not necessary for mounting, and can be disposed of.
* Este componente no es necesario para el montaje, por lo que puede desecharse.

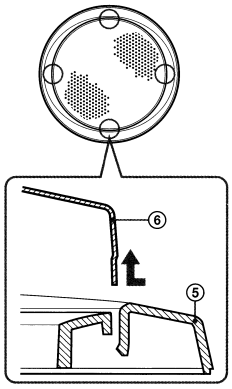
Mounting from the car interior/ Montaje desde el interior del automóvil

1 **Mark the 4 bolt holes and make them 3.3 mm* in diameter.**
Marque los orificios de los 4 pernos y hágalos de 3,3 mm* de diámetro.

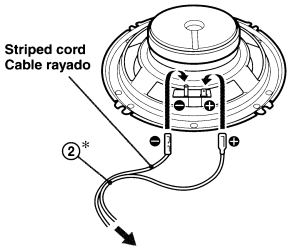
* When using ④ : ø 5 mm
* Si utiliza ④ : ø 5 mm



2 **Remove the grille net.**
Extraiga la red de la rejilla.



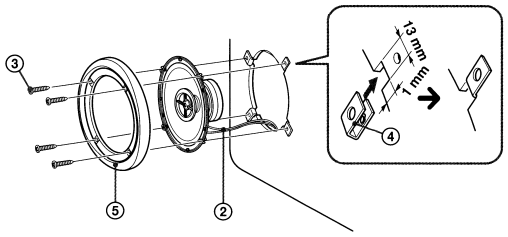
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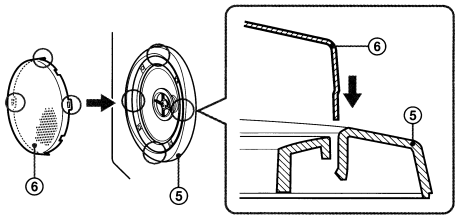
To speaker cord of a car.
Al cable del altavoz de un automóvil.

* *White cord — Left speaker*
  Grey cord — Right speaker
* *Cable blanco — Altavoz izquierdo*
  Cable gris — Altavoz derecho

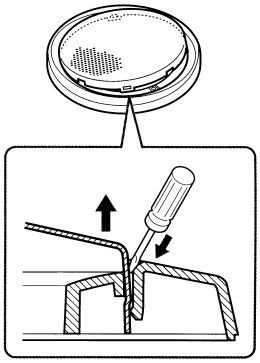
4



5 **Press and insert the edges of the grille net.**
Presione e inserte los extremos de la red de la rejilla.



How to remove the grille net.
Cómo extraer la red de la rejilla.



SONY DELIVERS
ENTERTAINMENT

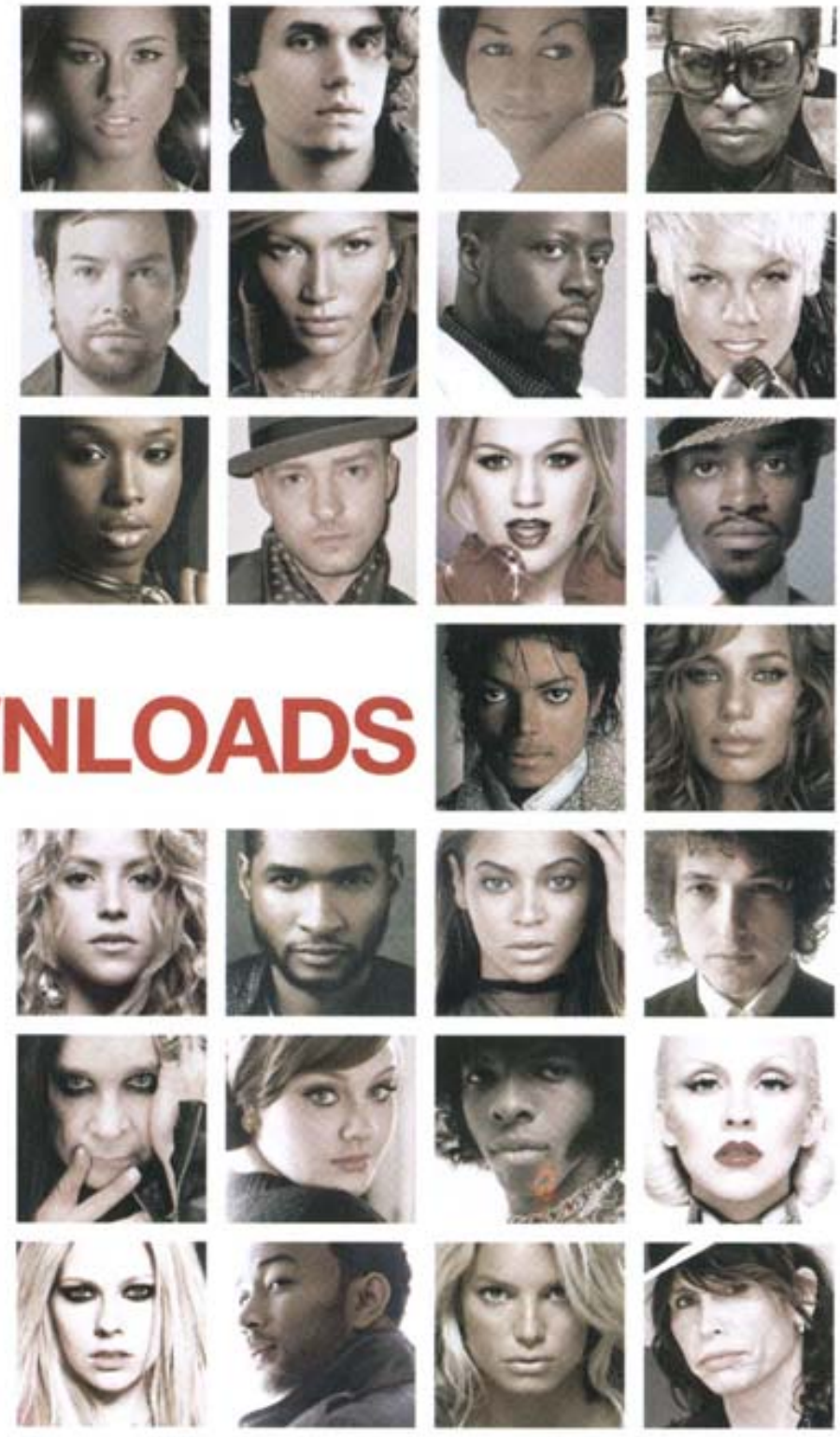
50 FREE MUSIC DOWNLOADS

INCLUDED WITH
YOUR PURCHASE

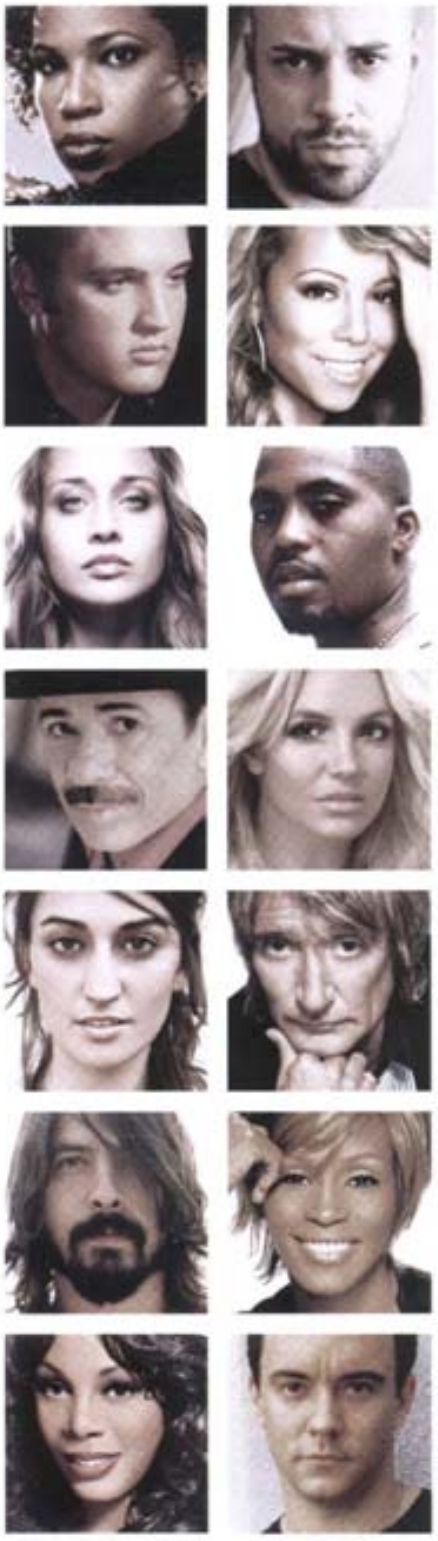
Choose from hundreds of thousands of the world's greatest songs at

www.SonyMusicPass.com

Code on back



Sony MusicPass



TO DOWNLOAD YOUR 50 FREE SONGS GO TO www.SonyMusicPass.com and enter the PIN Number below

PIN: [redacted]

This card is redeemable only at www.SonyMusicPass.com

Minimum System Requirements:
MP3 capable music player
Internet Browser:

- Internet Explorer v6, v7, and v8
- Safari v2
- Firefox v2 and v3

Terms and Conditions:
This card will not be replaced if lost or stolen.
Content downloaded from www.sonymusicpass.com is for personal lawful use only.

Expires on October 31, 2011.

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78128-15307

SONY®

Car Audio

LIMITED WARRANTY (U.S. Only)

Sony Electronics Inc. ("Sony") warrants this product against defects in material or workmanship for the time periods and as set forth below. Pursuant to this Limited Warranty, Sony will, at its option, (i) repair the product using new or refurbished parts or (ii) replace the product with a new or refurbished product. For purposes of this Limited Warranty, "refurbished" means a product or part that has been returned to its original specifications. **In the event of a defect, these are your exclusive remedies.**

Labor: For a period of one (1) year from the original date of purchase of the product ("Labor Warranty"), Sony will, at its option, repair or replace with new or refurbished product, product determined to be defective. If Sony elects to replace the product after this Labor Warranty has expired but while the Parts Warranty below is still in effect, it will do so for the applicable labor charge.

Parts: For a period of one (1) year from the original date of purchase of product ("Parts Warranty"), Sony will supply new or refurbished replacement parts in exchange for parts determined to be defective.

This Limited Warranty covers only the hardware components packaged with the Product. It does not cover technical assistance for hardware or software usage and it does not cover any software products whether or not contained in the Product; any such software is provided "AS IS" unless expressly provided for in any enclosed software Limited Warranty. Please refer to the End User License Agreements included with the Product for your rights and obligations with respect to the software.

Instructions: To obtain warranty service, you must deliver the product, freight prepaid, in either its original packaging or packaging affording an equal degree of protection to the Sony authorized service facility specified. **It is your responsibility to backup any data, software or other materials you may have stored or preserved on your unit. It is likely that such data, software, or other materials will be lost or reformatted during service and Sony will not be responsible for any such damage or loss.** A dated purchase receipt is required. For specific instructions on how to obtain warranty service for your product,

Visit Sony's Web Site:
www.sony.com/service

Or call the **Sony Customer Information Service Center**
1-800-222-SONY(7669)

For an accessory or part not available from your authorized dealer, call:

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